

Commissioner for Patents
Reply to Office Action of (April 17, 2007)
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Serial No. 10/815,826

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently amended) ~~A drilling~~ An emulsifying drilling fluid for drilling in high oil viscosity tar sand formations containing water, tar, sand and oil entrained therein, comprising:
 - a polysaccharide based polymer in an amount from between .05% and 5% by volume;
 - an aliphatic hydrocarbon solvent in an amount from between 1% and 20% by volume for removing tar and oil from said tar sand; whereby an emulsion is formed having said water as an external phase and said aliphatic hydrocarbon as an internal phase of said emulsion, said emulsion containing said oil therein; and
 - an enzyme based emulsion breaker in an amount from between .05% and 10% by volume for releasing said oil from said emulsion.
2. (Canceled)
3. (Canceled)
4. (Previously presented) The drilling fluid as set forth in claim 1, wherein said polymer is a polymer system.
5. (Currently amended) The drilling fluid as set forth in claim 1, wherein said polymer system includes at least ~~xanthan~~ polysaccharide gum, starch and PAC polyanionic cellulose.
- 6-10 (Previously Canceled)